

# Transducer Selection Request

Date Submitted 05/06/2008

Name PR SENSOR SPEC 0-1000 PSIA Phone \_\_\_\_\_ Date Required \_\_\_\_\_

What is the measurement? Pressure (Pressure, Temperature, Flow, etc.)

What is the range of this measurement? Specified in purchase request (0-10 psig, -40F to 100F, etc.)

What is the level of criticality? None (Criticality I or IA, none, etc.)

Desired output signal 0-5VDC (0-5VDC, 4-20mADC, etc.)

Operating temperature 70 F (0C to 70C, etc.)

Desired accuracy 1 % of full scale (1%FS, 0.5% of reading, etc.)

What is the material being measured? GHe, GN2 (GH2, GOX, LH2, MMH, etc.)

What are the material compatibility issues? \_\_\_\_\_ (Oxidizer or fuel compat, etc.)

Desired electrical connections MIL-5015 (The unit shall mate with MS3106R-14S-6S) (Mil-Std, 1/2" EMT, etc.)

Desired mechanical connections In accordance to MS33649-04 (Adapt to 1/4" tube) (ANSI, DN, NPT, etc.)

Desired size and weight 5.25 X 2.6 dia. (40 lb 5" x 5" x 5", etc.)

Enclosure ratings Weatherproof (Weatherproof, Class 1 Div 1, etc.)

Location of measurement Indoor (Indoors, outdoors, cabinet, etc.)

Other requirements, comments (please specify)

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List of sensors already under consideration (if any)

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**Note: All terminology used in this form can be referenced in Section 4 of KSC-NE-9187.**